

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR2005/000430

## A. CLASSIFICATION OF SUBJECT MATTER

**IPC7 H01Q 1/24**

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

KOREAN PATENTS AND APPLICATIONS FOR INVENTIONS SINCE 1975

KOREAN UTILITY MODELS AND APPLICATIONS FOR UTILITY MODELS SINCE 1975

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
IPC 7 H01Q, H01P

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
KIPASS, DELPHION, ESPACENET & Keywords : (select or choose or evaluate or estimate), target, error, rate and similar terms

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 03/058758 A1 (HRL Laboratories, LLC) 17 Jul 2003 See the whole document	1-6
A	WO 03/103090 A1 (The Regents of the University of Michigan) 11 Dec 2003 See the abstract	1-6
A	EP 1367673 A1 (Thomson Licensing S.A.) 3 Dec 2003 See the whole document	1-6

Further documents are listed in the continuation of Box C.

See patent family annex.

- \* Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search  
24 JUNE 2005 (24.06.2005)

Date of mailing of the international search report

**24 JUNE 2005 (24.06.2005)**

Name and mailing address of the ISA/KR



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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 1367673 A1 01-08	2003-12-03	JP 16007705 A2	2004-
US 6828942 B8		2004-12-07	
CN 1462134 A		2003-12-17	